

5000  
09673832

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number  
**WO 01/05518 A1**

- (51) International Patent Classification<sup>7</sup>: B05D 1/18, 3/10, C08J 7/04, 5/00, B29C 45/00
- (21) International Application Number: PCT/US00/16324
- (22) International Filing Date: 12 July 2000 (12.07.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
99202376.2 16 July 1999 (16.07.1999) EP
- (71) Applicant (for all designated States except US): EN-THONE-OMI INC. [US/US]; 350 Frontage Road, West Haven, CT 06516 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HARTOGS, Matty, J. [NL/NL]; Pastoor Hordijkstraat 36, NL-1243 VW Rosmalen (NL). HENDRIKS, Jan, J., M. [NL/NL]; 't Loe-fensteyn 8, NL-5491 DA Sint Oedenrode (NL). HEYER, Joachim [DE/DE]; Im Grund 25, D-53819 Neun Kirchen (DE). PINGLER, Uwe [DE/DE]; Pirolweg 9a, D-42657 Solingen (DE).
- (74) Agent: MUELLER, Richard, P.; 34382 Harper Avenue, Clinton Township, MI 48035 (US).
- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR PLATING PLASTICS USING A CATALYTIC FILLER

(57) Abstract: The present invention relates to an improved process for plating plastics using a catalytic filler. More specifically, the present invention relates to electroless plating. According to the present invention objects are created from a material obtained by compounding a granular plastic with a catalyst suitable for an electroless plating reaction. In a subsequent step, removal of the plastic from the surface of step exposes the catalyst. After this the exposed catalyst is activated. Finally the object is plated in an electroless metal bath.

09673832



WO 01/05518 A1